

PaymentStrategy.java\*\*

```
public interface PaymentStrategy {  
    void pay(int amount);  
}  
...
```

\*\*CreditCardPayment.java\*\*

```
public class CreditCardPayment implements PaymentStrategy {  
    private String cardNumber;  
  
    public CreditCardPayment(String cardNumber) {  
        this.cardNumber = cardNumber;  
    }  
  
    @Override  
    public void pay(int amount) {  
        System.out.println("Paid " + amount + " using Credit Card: " + cardNumber);  
    }  
}  
...
```

\*\*PayPalPayment.java\*\*

```
public class PayPalPayment implements PaymentStrategy {  
    private String email;  
  
    public PayPalPayment(String email) {  
        this.email = email;  
    }  
  
    @Override  
    public void pay(int amount) {
```

```
        System.out.println("Paid " + amount + " using PayPal: " + email);
    }
}
...
```

**\*\*ShoppingCart.java\*\***

```
public class ShoppingCart {

    private PaymentStrategy paymentStrategy;

    public void setPaymentStrategy(PaymentStrategy paymentStrategy) {
        this.paymentStrategy = paymentStrategy;
    }

    public void checkout(int amount) {
        paymentStrategy.pay(amount);
    }
}
...
```

**\*\*Main.java\*\***

```
public class Main {

    public static void main(String[] args) {

        ShoppingCart cart = new ShoppingCart();

        cart.setPaymentStrategy(new CreditCardPayment("1234-5678-9876-5432"));

        cart.checkout(100);

        cart.setPaymentStrategy(new PayPalPayment("user@example.com"));

        cart.checkout(200);

    }

}
```

